

# Intra-Service Section 7 Biological Evaluation Form

Originating Person: Ron Fisher

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Date: 01/28/2003

I. Region:      Region 3

II. Service Activity (Program)      Refuges

## III. Pertinent Species and Habitat

A. Listed species and/or their critical habitat within the action area

None

B. Proposed species and/or proposed critical habitat within the action area

None

C. Candidate Species within the action area

None

D. Include species/habitat occurrence on map

None

## IV. Geographic area or station name and action:

Emiquon NWR

19031 East County Road 2110 N

Havana, IL 62644

309-535-2290

Illinois River National Wildlife and Fish Refuges plans the construction of a 604 acre wetland located on its Emiquon National Wildlife Refuge in Fulton County, Illinois. The purpose of the wetland will be as mid-migration stopping point on the Mississippi Flyway for the intended use of all migratory birds during the fall and spring migration.

The South Globe Project Area was a part of Globe Levee and Drainage District which was formed in the 1920's. It was an active levee and drainage district until its purchase by the US Fish and Wildlife Service from The Nature Conservancy who purchased it from Wilder Farms. The refuge purchase the South Globe in 2001.

If approved the Refuge will construct a berm running east and west near the center line of section 7 (see attached maps) The berm top will be at 440 M.S.L. and have a 12 wide foot top and 5 to 1 slopes. These berm specifications will allow the refuge to hold water in the unit, protect the highway from erosion, and facilitate drainage from private land to the north. Water on the unit will be managed at 439 M.S.L (1-3 feet deep). Dirt for berm construction will be borrowed from refuge lands north of the berm and shaped using refuge heavy equipment. A 48 inch pipe with screwgate and stoplog will be installed in the southeast corner of the unit in the existing south globe levee. Rip rap will be placed around the 48 inch pipe to minimize erosion. Upon

### V. Location (attach map)

**A. Ecoregion Number and Name: Upper Mississippi/Tallgrass Prairie Ecosystem**

**B. County and State:** Fulton County, Illinois

**C. Section, Township and Range:**      Section 7 & 18  
Range 4 East  
Township 4 North

**D. Distance and Direction to nearest Town:** The nearest town is Havana, Illinois located 3 miles east of the action site (see attached maps)

**E. Species/Habitat Occurrence: N/A**

**VI. Description of Proposed Action (attach additional pages as needed):**

The refuge will construct 604 acres of wetland habitat by constructing a 4 foot high berm across 4,125 feet of the South Globe tract. See attached maps

## VII. Determination of effects:

A. Explanation of effects of the action on species and critical habitats in items III. A,B, and C (attach additional pages as needed): N/A

**B. Explanations of actions to be implemented to reduce adverse effects: N/A**

**VIII. Effect determination and response requested:** [\* = optional]

**A. Listed species/ designed critical habitat:**


<b><u>Determination</u></b>	<b><u>Response Requested</u></b>
No effect/no adverse modification (Species:	<u>X</u> *Concurrence
May effect, but not likely to adversely affect species/adversely modify critical habitat (Species:	Concurrence
May effect and is likely to adversely affect species/adversely modify critical habitat (Species:	Formal Consultation

B. Proposed species/proposed habitat:

<u>Determination</u>	<u>Response Requested</u>
No effect on proposed species/no adverse modification of proposed critical habitat (Species:	<u>  X  </u> *Concurrence
is likely to jeopardize proposed species/adversely modify proposed critical habitat (Species:	Conference

C. Candidate Species:

<u>Determination</u>	<u>Response Requested</u>
No effect (Species:	<u>  X  </u> *Concurrence
is likely to jeopardize candidate (Species:	Conference

  
Ross Adams  
Refuge Manager

1-28-03  
date